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Spring 2005

CEG 210-01: PC Networking I

Karen Meyer

Wright State University - Main Campus, karen.meyer@wright.edu

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CEG210 PC Networking I

Instructor: Karen Meyer
Office: 344 Russ Center
Office Phone: (937)775-5131
Email Address: karen.meyer@wright.edu
WebCT: <http://wisdom.wright.edu> I will post assignments on WebCT
Class Meetings: MW 8:45 am – 10:25 am, 346 RC
Office Hours: MW 2:00-3:00 pm in 344 RC
Advising Hours: T 12:30 – 3:00 PM, R 9:00 – 11:30 am 303 Russ Center, Please call 775-5131 to make an appointment.

Description: Introduction to PC networking hardware, concepts, and technologies. Focus is on LAN Administration.

Textbooks: Guide to Novell Netware 6.0 or 6.5 Administration by Ted L. Simpson and Michael T. Simpson

Prerequisites: CS205 **Credit Hours:** 4

Goals: The primary goal is to introduce students to the concepts and skills needed to understand and administer a Local Area Network.

- Topics:**
- 1. Overview of Networking Concepts
 - 2. Overview of PC hardware as related to networking including the file server and workstation
 - 3. Planning and designing the network
 - 4. Creating the file system, users, groups and resources
 - 5. Managing the network including implementation of security, application installation, maintenance and automation of routine procedures
 - 6. Looking ahead to new directions and technologies

Teaching Methodology: Teaching methodology includes a combination of lecture, discussion and laboratory assignments.

Grading:

Exam 1	20 %
Exam 2	20 %
Exam 3	25 %
Labs	15 %
Final Project	20 %

- Course and Laboratory Policies:**
- 1. From this lab, you may only access Internet sites related to this course. Refer to the web site below for a complete listing of guidelines:
Responsible Use of Information Technology Guidelines. http://www.wright.edu/students/handbook/03_22.html
 - 2. You are responsible for doing your own work. You may not accept files from other students or give files to other students. Academic Misconduct guidelines will be followed. Refer to the following web site for details: http://www.wright.edu/students/judicial/stu_integrity.html
 - 3. Attendance will be recorded. It may be used subjectively to raise borderline grades.
If you miss class, YOU are responsible for getting the assignment and any adjustments announced in class. You are welcome to visit me during office hours for makeup work. Please check WebCT email and discussions for notes and announcements.
 - 4. Before you leave the lab, perform a system shutdown and power off the PC and monitor. Make sure to eject your disks.

The final letter grade will be based on the following tentative scale:

90 - 100%	A
80 - 89 %	B
70 - 79 %	C

60 - 69 %
59 % and below

D
F

Assignment/Exam Policy:

Please note that the lab assignments listed below are tentative. Assignments may be added or deleted depending on the needs of the class. Please come to class for revisions. 10 % will be deducted for each day an assignment is late. No credit will be given for assignments over one week late. Assignments done *in class* cannot be made up for credit. If you know that you will miss an exam, you may take it early, otherwise make-ups will be given on the last day of class. Students will need to provide documentation.

You will have card access to this lab and may use the lab when there is not another class in session.

Link to Open Lab Schedule:

<http://www.cs.wright.edu/cse/students/labschedule.shtml>

Tentative Schedule

Week	Topic	Reading	Assignment
1 3-28	Course Overview, Networking Basics	Ch 1, omit pp 30-35	Course Introduction Projects on pp 42-44(in class), No Credit, Keep Information as you will need it later.
2 4-4	Designing the Network Designing the Network, cont.	Ch 3	Project 3-1, p 163 (in class) Case 3-1, p.165 include pricing for Network interconnection devices
3 4-11	Planning the eDirectory Tree (Review Sheet Given) Creating the eDirectory Structure	Ch 4 Ch 7 to p. 232	Case 4-2, p 232(written) Turn in with Case 7-2. Case 7-2, p 370(lab) Addendum Notes to the book: You may use ConsoleOne or NWAdmin to create your Objects. For the server object, use theAlias object and point it to the actual CSSERV5 server located in .cse.wsu
4 4-18 4-20	Review for Exam and Planning the Network File System Exam 1 Chapters 1,3,4,7	Ch 5 to p 267	File System Lab
5 4-25	Creating the Network File System Installing a Server Operating System, Configuring Workstations	Ch 8 Ch 6	Drive Mapping Lab
6 5-2	Managing Users, Groups and Login Security Managing Trustee Assignments and File Attributes	Ch 9 Ch 10	Case 10-1 pp 574-578, Omit All Printing and NDIR commands. See notes On WebCT.
7 5-9	Review for Exam 2, Ch 10, cont. Exam 2 Chapters 5,6,8		
8 5-16	Managing the User Desktop Environment	Ch 12	Login Script Lab
9 5-23	Implementing and Managing Printing Open Lab, Help on Project, Review	Ch 11	Overview using Class Notes
10 5-30 June 1	HOLIDAY NO CLASS EXAM 3 Chapters 9,10,11,12 (final exam)		

Finals Week	Meet on June 6 at 8:45 am – 10:30 am to demonstrate final project		Clean up your Practice OU and Delete Folders, Handout
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Spring '05 Timeline

March 28, Monday	First Day of Spring Quarter Classes
April 15, Friday	Last Day for All Students to Drop a Class Without a Grade
May 13, Friday	Last Day for All Students to Drop a Class With a Grade of W
May 30, Monday	Memorial Day Holiday Observed (University Closed)
June 4, Saturday	Last Day of Spring Quarter Classes
June 6-11, Mon. - Sat.	Final Examinations
June 11, Saturday	Spring Commencement